

Mason County

<http://www.co.mason.wa.us/default.shtml>

Demographics		2002 Estimates (Except Where Noted)	Other Mason County Facts		
Washington State Population:	6,041,700		Percent in Households where English is Spoken Less than "Very Well" (Population Age 5 and Above, 2000):	Less than 3.0%	
County Population:	49,800		Military Bases within County:	None	
County Population Density (persons/sq mi):	51.82		Universities/Community Colleges:	None	
Total County Households:	26,279		Land area of County (square miles):	961.1	
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):	\$19,000 - \$21,999		Native American Tribes	Skokomish Tribe	Squaxin Island Tribe
Percent of county households with income below the poverty level, 1999:	12			Yes	Yes
Mason County Government Legislative Authority			Federally Recognized (Yes/No):		
			Size of Tribal Land (Acres):	5,000	1,979
Type of Body	Board of County Commissioners		Reservation or Land Trust Population, 2000:	730	405
Number of Members	3		Treaty or Reservation Instrument:	Treaty of Point-No-Point, 1855	Treaty of Medicine Creek, 1854
Term	4 years				
Meeting Date and Time	first, second and third Tuesday of each month beginning at 9:00 a.m. and on the fourth Tuesday of each month beginning at 6:00 p.m.				
Meeting Location	Commissioner's Chambers, 411 N 5th Street, Building #1				

Populations and Land Areas for Mason County Municipalities, 2002

Unincorporated Population (est. 2002)		41,305	
Incorporated Population (est. 2002)		8,495	
Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)
Shelton	8,495	6.263	1,356.44

Mason County Population by Selected Categories, 2002

Washington State Office of Financial Management Estimated
Mason County Population, 2002 = 49,800

Shelton: 8,495

Unincorporated: 41,305

Mason County Solid Waste Contacts, 2003:

Departments:	Mason County Public Works	Mason County Utilities & Waste Management	Mason County Public Works	Mason County Public Works	Mason County Public Works	Mason County Health District
Name:	Bill Tabor	Doug Micheau	Paul Johnston	Shannon McClelland	Shannon McClelland	Debbie Riley
Title:	Director	Director	MRW Contact	Recycling Contact	Litter Contact	Environmental Health Manager
E-mail Address:	billt@co.mason.wa.us	dougmc@co.mason.wa.us	None	smcclelland@ci.shelton.wa.us	smcclelland@ci.shelton.wa.us	dlr@co.mason.wa.us
Web Site:	http://www.co.mason.wa.us/Public_works/default.shtml	http://www.co.mason.wa.us/utilities&waste/default.shtml	http://www.co.mason.wa.us/utilities&waste/hazardous_waste.shtml	http://www.ci.shelton.wa.us/Public%20Works%20Department.htm	Litter specific web site not found.	http://www.co.mason.wa.us/EnvHealth/solid_waste/default.shtml
Mailing Address:	PO Box 1850 Shelton, WA 98584	PO Box 578 Shelton, WA 98584	PO Box 579 Shelton, WA 98584	PO Box 578 Shelton, WA 98584	PO Box 578, Shelton, WA 98584	PO Box 1666 Shelton, WA 98584
Phone Number:	(360) 427-9670 Ext. 450	(360) 427-9670 Ext. 270	(360) 427-9670 Ext. 271	(360) 432-5126	(360) 432-5126	(360) 427-9670 Ext. 352
Fax Number	(360) 427-8425	(360) 427-7772	(360) 427-7772	(360) 427-7772	(360) 426-7746	
TDD:						

Mason County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars				
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Recipient	Recipient	Total
			Shelton City of	Mason Co Health	Mason Co Utilities and Waste Mgmt	
		Hazardous Waste Planning and Evaluation	—	—	—	0
Year Approved:	1998	Household Hazardous Waste Implementation (of county plan)	—	—	—	0
		Household Hazardous Waste Collection and Disposal	—	—	78,583	78,583
Waste Reduction/Recycling Goal:	35% WRR by 1998	Moderate Risk Waste – Capital (costs)	—	—	—	0
Comments: Implementation		Small Quantity Generator (technical assistance and education)	—	—	—	0
		Solid Waste Planning	—	—	—	0
		Solid Waste Enforcement	—	152,004	—	152,004
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	1991	Ground Water Monitoring Wells	—	—	—	0
MRW Plan Combined with County's Comprehensive Solid Waste Management Plan? (Yes/No)	No	Waste Reduction and Recycling Activities	50,000	—	48,000	98,000
Comments: NONE		Waste Reduction and Recycling Capital (costs)	—	—	—	0
		Biomedical Waste	—	—	—	0
		Total	50,000	152,004	126,583	328,587

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
						Total	

Mason County Ordinances and Resolutions Related to Solid Waste	
From Mason County Draft Solid Waste Management Plan:	
Ordinance Number	General Ordinance Description
NONE	NONE
Resolution Number	General Resolution Description

Note:

Solid Waste Infrastructure in Mason County

Permitted Solid Waste Handling Facilities in Mason County – March 2004

Facility Type	Name	Public/ Private	Owner
Drop Box Facility	Hoodsport Drop Box	Public	Mason County Dept. of Community Development
Drop Box Facility	Union Drop Box	Public	Mason County Dept. of Community Development
Drop Box Facility	Belfair Drop Box	Public	Mason County Public Works
Transfer Station	Mason County Transfer Station	Public	Mason County Dept. of Community Development
Limited Purpose/Special Use Facilities	Simpson Dayton Landfill	Private	Simpson Timber Co.

Note:

Disposal Site Summary for Mason County (reported in tons) – 2001

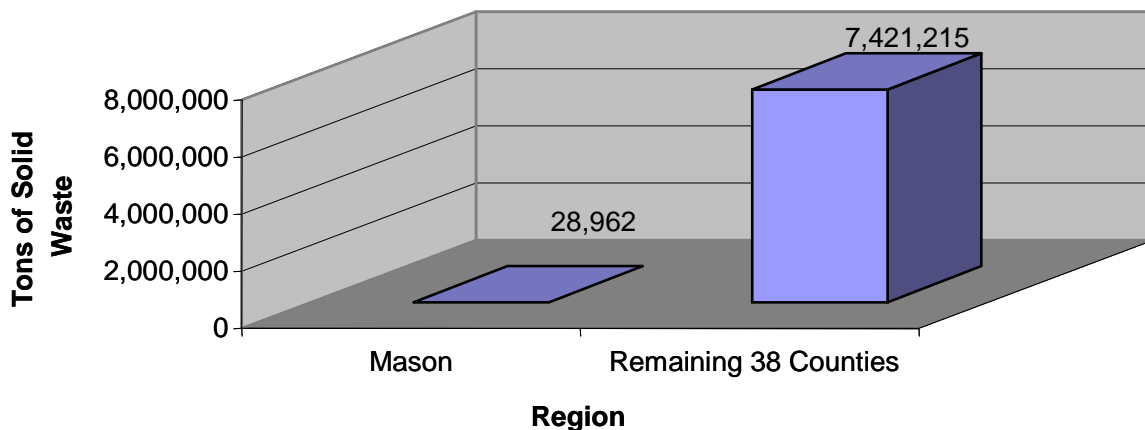
Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Roosevelt Regional Landfill-MSW	Klickitat	27,900	15	—	—	—	—	—	—	—	—	—	—	27,915
Columbia Ridge, OR	Oregon	—	24	—	—	—	—	—	—	—	—	—	—	24
Olympic View Landfill (stopped MSW 7/02)	Kitsap	—	—	—	—	—	—	—	—	—	—	—	—	0
Simpson Dayton Landfill	Mason	—	—	1,023	—	—	—	—	—	—	—	—	—	1,023
County Total		27,900	39	1,023	0	0	0	0	0	0	0	0	0	28,962

**2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in
Mason County, Including All Landfills and Energy Recovery**

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Roosevelt Regional Landfill-MSW	Klickitat	133,779,000	71	2073	\$19.75
Columbia Ridge, OR	Oregon	Unknown	Unknown	Unknown	Unknown
Olympic View Landfill (stopped MSW 7/02)	Kitsap	720,000	Unknown	7/26/02	\$50.76
Simpson Dayton Landfill	Mason	Unknown	9	2010	Unknown

**Tons of Solid Waste Disposed by Specific Regions 2001:
Comparison of Mason County to Sum of Remaining 38
Washington State Counties**

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Mason County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
NONE										

Notes:

Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers in Mason County (November 4, 2002)

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Mason County Garbage Co., Inc. DBA Mason County Garbage, Inc.	All of Mason County	G-88	13	Y	N	N	20 gallon mini-can \$11.35; 32 gallon can/unit \$13.10; Multi can/unit service up to 6	Not Applicable	1 yard dumpster \$13.90; 1.5 yard dumpster \$14.65; 2 yard dumpster \$19.15; 3 yard dumpster \$28.90; 4 yard dumpster \$38.65	Not Indicated

Notes:

None

General Notes

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Mason County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting		
Home Composting		
Master Composter		
Native Planting/Xeriscaping		
Mulching Mower/Grasscycling		
Master Gardener		
Curbside Yard Waste Collection	X	Not present throughout entire county
Fixed Wood Chipping Operations		
Mobile Wood Chipping Operations		
Agricultural Waste Management and Technical Assistance		
Food Composting Programs		
Rate Structures Encourage Yard Waste Diversion		
Built Environment		
Building Industry Education Program		
Green Building Codes and or Policy		
Building Material Reuse/Exchange Program		Targeted for the 2004-2005 grant cycle
Demonstration Buildings		
Green Building Certification Programs		
Green Built Recognition (Construction Works)		
Residential Waste Reduction and Recycling (WRR)		
Public Education and Program Promotion		
Curbside recycling	X	
Drop box recycling	X	
School Recycling Program		
Special Collection Events	X	
Rate Structures that Encourage Recycling		
Waste Exchange Program		Targeted for the 2004-2005 grant cycle
Waste Reduction Program		
Commercial Waste Reduction & Recycling		
Commercial Recycling Education Program		
Curbside Recycling		
Rate Structure that Encourages Recycling		
Waste Exchange Program		Targeted for the 2004-2005 grant cycle
On-site Commercial Waste Audits		

Activity Category and Local Program		X = Present	Clarifying Comments as Needed
Moderate Risk Waste (MRW)			
MRW Fixed Facility		X	
MRW Mobile or Satellite Programs		X	Satellite only
MRW Collection Events		X	"Free" dump days
Toxics Reduction Education and Outreach			
On-site Business Small Quantity Generator SQG/MRW Audits			
Conditionally Exempt Small Quantity Generator (CESQG) collection			
Persistent Bioaccumulative Toxins (PBT)			
Pesticide Reduction Education for the Public			
Pesticide Reduction Education for Business			
Mercury Reduction Education for the Public			
Mercury Reduction Education for Business			
Partnerships			
Product Stewardship - Electronics			Targeted for the 2004-2005 grant cycle
Product Stewardship - Mercury			Targeted for the 2004-2005 grant cycle
Product Stewardship - Pesticides			
Product Stewardship - Solid Waste			
Regional Programs - All Categories	Please List:		
Solid Waste Enforcement			
Illegal Dumping Prosecution		X	
Illegal Dumping Prevention		X	
Mandatory Collection Service			
Enforcing Solid Waste Codes		X	
Permit Reviews		X	
Ensuring Compliance at Permitted Solid Waste Facilities			
Ensuring Compliance at Permitted Land Application Sites			

Additional Comments:

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Mason County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Mason County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Mason County		Reported Materials Diverted From Disposal in Mason County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	5	176
	Aseptic Packaging	X	Asphalt and Concrete	Batteries	7	372
	Computers		Asphalt Roofing Shingles	CDL Construction Debris	2	159
X	Container Glass		Bricks	Electronics	—	48
X	Corrugated Paper		Composting Furnish	Glass	11	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	1	63
	Fluorescent Light Bulbs		Construction & Demolition Debris	Metals	13	466
X	Food Waste (post-consumer)		Food Processing Waste	Used oil	8	508
	Ground Rubber (from retreads)		Household Batteries	Paper	12	461
	Gypsum		Incinerator Ash	Plastic	11	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	3	133
X	High Grade	X	Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
X	LDPE Plastics	X	Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper		Rail Road Ties			
X	Non-Ferrous Metals		Rebound Carpet Pad			
	Other Recyclable Plastics		Reuse-Clothing & Household Items			
	Other Rubber Materials (Shoes)		Reuse - Construction & Demolition			
X	PET Bottles		Reuse – Miscellaneous Items			
	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery)			
	Textiles (rags, clothing, etc.)		Tires (Reused/Resold)			
X	Tin Cans	X	Used Oil for Energy Recovery			
X	Tires					
X	Used Oil					
X	Vehicle Batteries					
X	White Goods					
X	Wood Waste					
X	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Mason County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Mason		
County Population (from http://www.census.gov)	49,600	5,970,247	0.83
Total HHW lbs (no Used Oil)	310,474	15,638,009	1.99
Used Oil lbs. (see note 1)	199,127	11,280,112	1.77
CESQG lbs.	—	978,732	—
MRW lbs.	509,601	27,896,853	1.83
Number of County Housing Units (see note 2)	25,875	2,511,054	1.03
MRW lbs./housing unit	19.69		
Total HHW Participants	746	148,697	0.50
% Participation	0.03		
HHW Cost/Participant	\$78.37		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

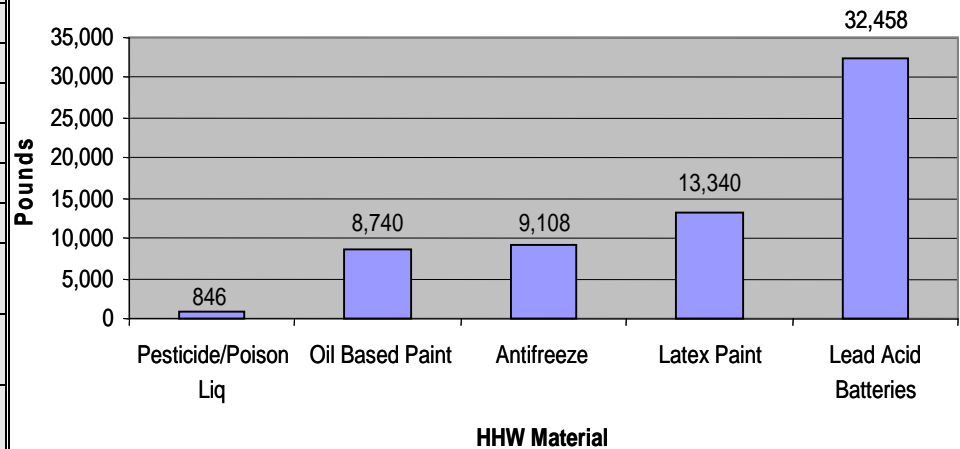
Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Mason County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	—	
Acids, aerosols	—	
Antifreeze	9,108	
Bases	—	
Bases, aerosols	—	
CFC/ Freon	—	
CFC/ Freon filters	—	
Chlorinated Solvents	—	
Batt:N,L,NIMH	370	
Dry Cell Batteries	—	
Flammable Solids	—	
Flammable Liquids	—	
Flammable Liquids, aerosols	—	
Flammable Liquids Poison	—	
Flammable Liq. Pois.(aerosols)	800	
Flammable Gas	—	
Flammable Gas Poison	—	
Flammable Gas Pois.(aerosols)	—	
Latex Paint	13,340	
Lead Acid Batteries	32,458	
Oil Based Paint	8,740	
Oil Contaminated	—	
Oil Filters	—	
Oil Filters Crushed	—	
Oil Non-Contaminated	—	
Oil with Chlorides	—	
Oil with PCBs	—	
Other Dangerous Waste	—	
Organic Peroxides	—	
Oxidizers	—	
Personal Protect. Equip.	—	
Pesticide/Poison Liq	846	
Pesticide/Poison Sol	—	
Reactives	—	
Mercury	—	
TOTALS	65,662	

Five Greatest Household Hazardous Waste (HHW) Materials Collected by Mason County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



Five Greatest CESQG Materials Collected by Lincoln County, 2001 (Pounds)

No graphic because no activity reported.

Washington State Litter Tax Funded Litter Program Activity in Mason County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	—	42	250	292	0.62	37		
Miles Driven (thousands)	—	161	54	215	0.2	34		
Area (Square Miles)				1,657	2.49	24		
DOT Rating	1999	2000	2001					
	3.9	4.4	3.9					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	—	—	—	—	—	—	—	0
Community Litter Cleanup Program (CLCP)	1,568	101	—	69	4,613	7,103	—	13,454
Department of Corrections (DOC)	—	—	—	—	—	—	—	0
Department of Natural Resources (DNR)	1,283	83	—	9	5,366.25	7,606.5	—	14,347.75
Total	2,851	184	0	78	9,979.25	14,709.5	0	27,801.75

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Mason County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		Mason county staff, focus on radio ads, and outreach at community events to educate the public. They did utilize the state litter campaign by posting signs. They intend to continue using the state litter campaign to further awareness in the county.
Mason Co Dept of Utilities & Waste Mgmt	56,225	6,000	—	62,225		

Litter Crew Organization, Mason County, 2002

The county Sheriff's department provides the supervision for an inmate crew for litter and illegal dump cleanups within the county. The City of Shelton Municipal Court supervises community service crews to clean streets within city limits.

2002 Biosolids Production and Land Application Information in Dry Tons for Mason County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories						Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden					
Bio Recycling Lsp - Mason	B		—	1530.3	—	1530.3	—	—	—	—	—	—	—		7.92	Unknown source
Hartstene Pointe WWTP			4.8	—	—	—	—	—	—	—	—	—	4.8	Bio Recycling - North Ranch	—	
Rustlewood WWTP			2.6	—	—	—	—	—	—	—	—	—	2.6	Bio Recycling - North Ranch	—	
Shelton WWTP	B		203.59	203.59	—	—	203.59	—	—	—	—	—	—		—	
South Forty Properties STP			1	—	—	—	—	—	—	—	—	—	1	Shelton	—	
Washington Corrections Center	B		38.3	38.3	8	—	30.3	—	—	—	—	—	—		—	
COUNTY TOTAL			250.29	1772.19	8	1530.3	233.89	0	0	0	0	0	8.4		7.92	
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11	79282.89	

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Mason County Solid Waste Priorities and Needs for the Near Future:

None Known

Mason County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/ Closure	To Fund Balance	Operating Budget
\$2,878,768	\$1,959,891	\$0	\$131,337	\$0	\$0	\$291,132	\$0	\$0	\$496,408	\$0	\$2,382,360

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other	Total Revenue
\$2,878,768	\$2,177,630	\$0	\$0	\$107,253	\$9,885	\$550,000	\$34,000	\$2,878,768

Note: * King and Pierce County populations do NOT include Seattle and Tacoma, which have separate solid waste systems.

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm